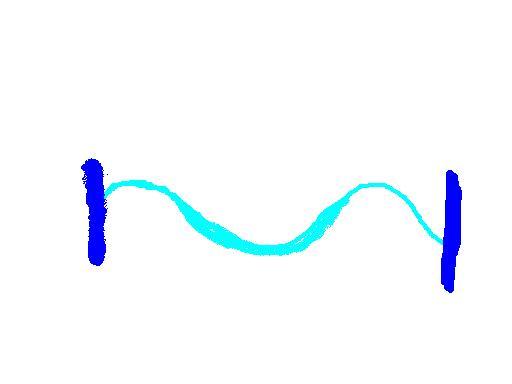
Elise Williams

Sound Wave Transmission through Surfaces

The article I read was about sound waves and how they pass through different objects. The main thing that was being focused on was a lawn mower (for example) and how the sound passes through into a house. A sound wave is something that has vibrations which pass energy into a molecular structure. When sound is produced and the mediums are changed, the sound is reflected off to the outer surface of the house and makes it audible. The intensity of that sound, however, depends on the frequency. The higher the frequency the higher the pitch, the lower the frequency the lower the sounds are which cause it to travel farther. Some implications of this are hearing something you don’t necessarily want to hear because sound travels.



*This is an example of the sound wave traveling from the lawnmower to the house, cause a disruptance.*